

7/18/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Russell C. McKown) Examiner: TBD
Serial No.: 10/796,596)
Filed: March 9, 2004) Art Unit: 2631
For: Method and Apparatus for single)
 Burst Equalization of single)
 Carrier signals in Broadband)
 Wireless Access Systems)

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

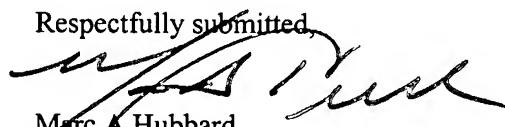
Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits the attached Information Disclosure Statement. This submittal is being made in accordance with 37 C.F.R. §§ 1.97 and 1.98. Copies of publications on the attached Information Disclosure Citation are submitted herewith unless otherwise indicated. Copies of filed U.S. patents and patent applications are not enclosed.

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.97 and 1.98, that the enclosed documents listed on the attached PTO/SB/08A and PTO/SB/08B forms, which are substituted for PTO/1449, be considered and cited in the examination of the above-identified application.

Furthermore, pursuant to 37 C.F.R. §§ 1.97(g) and (h), Applicant makes no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

Applicant believes no fee is due. However, please charge any fees or credit any overpayments associated with this Information Disclosure Statement to Deposit Account No. 13-4900.

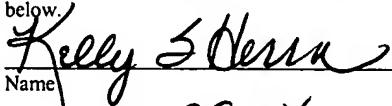
Respectfully submitted,

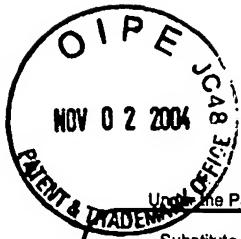

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/796,596
Filing Date	March 9, 2004
First Named Inventor	Russell C. McKown
Art Unit	2631
Examiner Name	TBD
Attorney Docket Number	6756.3-2

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO				<i>Complete If Known</i>		
				Application Number	10/796,596	
				Filing Date	March 9, 2004	
				First Named Inventor	Russell C. McKown	
				Art Unit	2631	
				Examiner Name	TBD	
Sheet	2	of	2	Attorney Docket Number		6756.3-2

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		Sirkiat Ariyavitsakul, Nelson R. Sollenberger, and Larry J. Greenstein, "Tap-Selectable Decision-Feedback Equalization," IEEE Trans. Comm. Vol. 45, No. 12, Dec. 1997; 4 pages.			
		Sirkiat Ariyavitsakul and Larry J. Greenstein, "Reduced-Complexity Equalization Techniques for Broadband Wireless Channels," IEEE J. Sel. Areas in Comm., Vol 15, No. 1, Jan 1997; 7 Pages.			
		Takayuki Nagayasu, S. Sampei, and Y. Kamio, "Complexity Reduction and Performance Improvement of Decision Feedback Equalizer for 16QAM in Land Mobile Communications," IEEE Trans. Veh. Tech., Vol. 44, No. 3, August 1995; 9 pages.			
		Gavin Young, "Reduced Complexity DFE for DSL," IEEE Sel. Areas Comm., Vol. 9, No. 6, August 1991; 7 pages.			
		N. Al-Dahir, A. Sayed and J. Cioffie, "A High-Performance Cost-Effective Pole-Zero MMSE-DFE," Information Systems, Laboratory, Stanford University, about 1994; 10 pages.			

Examiner Signature	Date Considered
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